

Peak District National Park

Forecast valid from 00:00 on Tuesday 29 Sep 2020 until 23:59 on Wednesday 30 Sep 2020

Forecast Issued on Monday 28 Sep 2020 at 14:49

Confidence: High confidence for predominantly fine conditions until the middle of the week, but becoming lower for wind and rainfall detail beyond this. More certain is the transition to unsettled, often windy and rather cool conditions later this week.

Headline for Tuesday 29 Sep 2020: Damp first thing, but soon brightening up to sunny spells.

Mountain weather hazards on Tuesday 29 Sep 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Drizzle	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
30%	10%	10%	<05%	<05%	<05%	<05%	<05%

Forecast for Tuesday 29 Sep 2020

Weather: Rather cloudy and damp overnight, however the rain should have ceased by daybreak, with cloud breaking and lifting clear of the peaks, soonest in the west. Fine by day, with fair weather cloud developing in sunny spells, with a pleasant feel in sunshine given the light wind. Becoming cloudier from the west during the evening, with temperatures dropping quickly in the valleys.

Chance of cloud free mountain/hill tops above 600m: Soon improving to greater than 90 percent as cloud lifts clear of the peaks.

Visibility: Poor during the early hours, but soon improving to very good in fine conditions following.

Forecast for Tuesday 29 Sep 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/11 NW	6/9 NW	6/9 NW	7/10 W	9/13 W	8/12 W	4/6 SW	7/10 S	11/16 S
300	6/11 W	5/8 W	5/7 SW	5/7 W	7/11 NW	7/10 W	3/5 SW	4/7 SE	8/13 S
Valley	5/11 NW	4/10 NW	3/7 N	2/6 W	5/10 W	6/11 W	2/6 W	4/7 SE	5/12 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/8	8/6	7/6	8/6	9/7	10/8	8/7	8/6	8/5
300	11/10	10/9	8/8	9/8	12/10	12/11	11/11	10/9	10/8
Valley	11/10	10/9	8/7	10/10	13/12	14/12	10/10	9/8	9/8
Freezing Level*	2000m	1800m	1600m	1500m	1400m	1500m	1500m	1500m	1600m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Nothing to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at
14:00 on Mon 28 Sep 2020

Last 24 hours:
0mm

Last 48 hours:
0mm

Last 72 hours:
5mm

Forecast for Wednesday 30 Sep 2020

Weather: Fine and potentially frosty in some sheltered spots at first in the light wind. Brightest during the first part of the morning, with high cloud soon thickening and invading from the west ahead of a wetter and windier afternoon.

Maximum wind: Increasing southeasterly 40, later southwesterly.

Chance of cloud free mountain/hill tops above 600m: Greater than 90 percent, falling to 30 percent during the afternoon as blanket cloud down to 500 metres spreads in. More broken cloud developing below this in rain later.

Visibility: Locally poor in isolated mist patches first thing, otherwise very good deteriorating to moderate in rain later.

Temperature: **Valleys:** Plus 3 becoming plus 15 degrees Celsius.

At 600m: Plus 9 Celsius.

Freezing level: Well above the peaks.